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DEC 22 2003

**FAX TRANSMISSION**

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**TO:** EXAMINER CYNTHIA E. COLLINS  
**FROM:** KIM M. HAGEMANN  
**RE:** U.S. PATENT APPLICATION SERIAL NO. 09/511,445  
ATTORNEY DOCKET NO. 1115A  
**DATE:** 12/22/03 **FAX NUMBER:** (703) 872-9306  
**NUMBER OF PAGES FOLLOWING THIS SHEET:** 7

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**COMMENTS:****TRANSMISSION INCLUDES THE FOLLOWING:****Certificate of Transmission (1 Page)**  
**Transmittal Form (1 Page)**  
**Fee Transmittal for FY 2004 (1 Page)**  
**Amendment After Final (2 Pages)**  
**Statement of Common Ownership (1 Page)**  
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PTO/SB/97 (08-03)

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Date



Signature

Kim M. Hagemann

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- 1) Transmittal Form / 1 Page
- 2) Fee Transmittal Form / 1 Page
- 3) Amendment After Final Rejection/ 2 Pages
- 3) Statement of Common Ownership/ 1 Page
- 4) Terminal Disclaimer / 1 Page

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/21 (08-03)

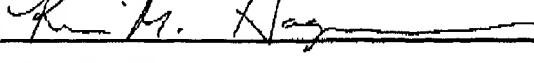
Approved for use through 07/31/2006. OMB 0551-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/511,445
		Filing Date	02/22/2000
		First Named Inventor	William J. Gordon-Kamm
		Art Unit	1638
		Examiner Name	Collins, Cynthia E.
Total Number of Pages in This Submission	6	Attorney Docket Number	1115A

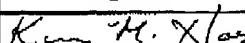
<b>ENCLOSURES (check all that apply)</b>			
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Reply  <input checked="" type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input checked="" type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  1) Statement of Common Ownership	<input type="checkbox"/> Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Kim M. Hagemann		
Signature			
Date	December 22, 2003		

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Kim M. Hagemann		
Signature		Date	December 22, 2003

This collection of information is required by 37 CFR 1.6. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 110

## Complete if Known

Application Number	09/511,445
Filing Date	02/22/2000
First Named Inventor	William J. Gordon-Kamm
Examiner Name	Collins, Cynthia E.
Art Unit	1638
Attorney Docket No.	1115A

## METHOD OF PAYMENT (Check all that apply)

 Check  Credit card  Money  Other  None  
Order
 Deposit Account:

Deposit Account Number **16-1852**

Deposit Account Name **Pioneer Hi-Bred International, Inc.**

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee  
 to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	\$	Fee Code	\$		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 110)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims		Fee from below	Fee Paid
	Independent	Dependent		
Independent Claims			<b>0</b>	<b>0</b>
Multiple Dependent			<b>0</b>	<b>0</b>

## Large Entity Small Entity

Fee Code	\$	Fee Code	\$	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	65	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

\*\* or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

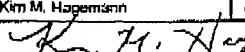
## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1063	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1005	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	120	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1431	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,340	2453	685	Petition to revive – unintentional	
1501	1,330	2501	685	Utility issue fee (or reissue)	
1502	180	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1805	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) Terminal disclaimer fee under 37 CFR 1.20(d)					110

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 110)

## SUBMITTED BY

Name (Print/Type)	Kim M. Hagemann	Registration No. (Attorney/Agent)	82,682	Telephone	(515) 248-4878
Signature				Date	December 22, 2003

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DEC 22 2003

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : Gordon-Kamm, William  
Application Number : 09/511,445  
Filing Date : February 22, 2000  
Title : Methods for Using Viral Replicase Polynucleotides and Polypeptides  
  
Group/Art Unit : 1638  
  
Examiner : Collins, Cynthia E.  
Attorney Docket Number : 1115A  
  
Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AFTER FINAL REJECTION**

In response to the Final Office Action of October 29, 2003.